



# Upcoming works in your area

## Sewer works on Bulleen Road

Works have started to build the missing link in Melbourne's freeway network.

This year builders are moving around 100 above and underground services such as power, water, gas, sewerage and telecommunications to make way for North East Link.

North East Link will finally fix the missing link in Melbourne's freeway network between the M80 Ring Road and the Eastern Freeway. It will slash travel times between our city's north and east by up to 35 minutes, take more than 15,000 trucks off local roads a day and give local roads back to local communities.

The project will deliver a massive upgrade to the Eastern freeway, Melbourne's first dedicated busway and more than 25 kilometres of new and upgraded walking and cycling paths.

This year, we're moving a vital piece of Melbourne's sewer network, the Yarra East Main Sewer to prepare for major construction in 2021.

CPB Contractors are leading this work and we're starting to talk to residents about how the relocation of the Yarra East Main Sewer could affect them.



### The Yarra East Main Sewer

The Yarra East Main Sewer (YEMS), originally built in the 1960s, runs below Bulleen Road and services thousands of homes and businesses across Melbourne's northern suburbs.

We know that no matter the final design of North East Link, the sewer needs to be moved out of the way.

The new section of the YEMS will be moved east of Bulleen Road and connect back to the existing main sewer at the Eastern Freeway.



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## Building the new sewer

Around 1.8 kilometres of new sewer will be built between Bulleen Road and the Eastern Freeway. We'll also build around 1.2 kilometres of new connection lines.

To build the new sewer, seven TBM launch and retrieval sites will be built to allow three mini tunnel boring machines to dig under Bulleen.

Manholes will be built to provide work crews safe access to the sewer for maintenance works.



### What is a reticulation sewer?

A reticulation sewer is the connection line into the main sewer.



### What is a manhole?

A manhole is a deep pit that provides maintenance crews safe access to the sewer.



### Will the sewer be under people's homes?

Yes, the new sewer will be under some properties. It is common for services to be located under residential properties throughout Melbourne. We've started contacting residents who will have the sewer under their property to let them know what this could mean for them.

**2** metres

The new Yarra East Main Sewer will be over two metres wide in diameter in some sections

**1.8** kms

Approximately 1.8 kilometres of new sewer will be built

**7** Launch and retrieval sites

Seven mini tunnel boring machine (TBM) launch and retrieval sites will be built

**3** mini TBMs

Three mini TBMs will be used to dig the new sewer

## Construction phasing

### Phase 1 Late 2020 - Early 2021

Preparatory works to build the new Yarra East Main Sewer begin, including site set up, temporary road realignment works and traffic changes

### Phase 2 Early 2021

Builders will dig underground to build mini TBM launch and retrieval points at different locations in and around Bulleen Road

### Phase 3 Early 2021 - Mid-2021

Three mini TBMs will tunnel the new sewer alignment

### Phase 4 Early 2021 - Late 2021

As tunnelling progresses, works to build the new reticulation sewer will start

### Phase 5 Late 2021

The new sewer is fully connected and the old section of sewer is backfilled and taken offline

### Phase 6 Late 2021

The new sewer is operational and major construction on North East Link can start

Please note these dates are subject to change

- Sewer works area
- TBM launch and retrieval site
- Underground TBM path
- Changed traffic conditions



## Changes to local road access

During construction, Avon Street will be closed at Bulleen Road. Access to Avon Street will be via Austin Street. Residents will always be able to access their properties during the works.

Access to Bulleen Road from Greenaway Street may also be restricted. Detour routes will be in place to ensure trucks and cars can safely move around the works area.

## Managing traffic during construction

Before we can start works, we will need to make some temporary traffic changes on Bulleen Road.

We're planning these important works so teams can work safely and traffic can keep moving.

Our construction team will remove the median strip between Avon Street and Greenaway Street and change existing line marking to make a new lane on Bulleen Road.

The footpath and nature strip on Bulleen Road, between Golden Way and Trinity Grammar will need to be used to as part of the works. A diversion will be in place for pedestrians during this time.

Traffic management and signs will be in place to safely direct people around the works.

Three mini tunnel boring machines (TBMs) will dig under Bulleen to build the new Yarra East Main Sewer (YEMS). The TBMs will work together to dig the new sewer.



Image courtesy of Metro Tunnel

## FAQs

### How long will the sewer works take to finish?

Works to build the new sewer, including preparatory works will take approximately 12 months.

### Will Bulleen Road be closed?

No. Bulleen Road will remain open.

### Will bicycle and pedestrian routes be affected?

Yes, however we're working with our contractors to plan alternative travel routes for pedestrians and cyclists in the area.

### Will these works be during the day?

Regular working hours are from 7am to 6pm Monday to Friday and 8am to 1pm Saturday.

Some night works may be required. We'll let residents know if there will be works at night well before they start.

### How will noise be managed?

Using mini TBMs to build the new sewer underground will help to avoid a significant amount of disruption for residents, schools and community facilities in the area. There will be some noise around the work sites. This will be managed closely and must comply with the project's strict Environmental Performance Requirements.

### Will my sewer service be disconnected during the works?

Once the new section of sewer is built, there may be some temporary disruption as builders connect the sewer.

Residents and businesses will be notified in advance should a temporary disruption be required.

### Will any trees need to be removed?

Some tree removal around the works area may be required. Tree removal is subject to strict Environmental Performance Requirements.

### How do I speak to someone about the works?

You can contact a member of the project team, 24 hours a day, seven days a week by calling 1800 105 105.

## Contact us

community@northeastlink.vic.gov.au  
1800 105 105

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